

Sheet 1 of 25

09/15/2008

Substitute for form 1449/PTO, based on PTO/SB/08A and 08B

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Application Number	10/598,149
Filing Date	August 18, 2006
First Named Inventor	Chaikof et al.
Art Unit	1614
Examiner Name	Not assigned
Attorney Docket Number	11-04

Confirmation No. 1649

GWS 5/4/2007

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)
	1	6,936,298	08/30/2005	Chaikof et al.	
	2	6,699,952	03/02/2004	Chaikof et al.	
	3	6,632,791	10/14/2003	Light et al.	
	4	6,583,251	06/24/2003	Chaikof et al.	
	5	6,565,842	05/20/2003	Sojomihardo et al.	
	6	6,410,057	06/25/2002	Kweaon-Choi et al.	
	7	6,171,614	01/09/2001	Chaikof et al.	
	8	6,071,532	06/06/2000	Chaikof et al.	
	9	5,932,462	08/03/1999	Harris et al.	
	10	5,911,942	06/15/1999	Fofonoff et al.	
	11	5,863,760	01/26/1999	Light et al.	
	12	5,834,028	11/10/1998	Kunihiro et al.	
	13	5,765,788	05/26/1998	Strauss	
	14	5,741,325	04/21/1998	Chaikof et al.	
	15	5,583,102	12/10/1996	Lentz et al.	
	16	5,556,632	09/17/1996	Kohler et al.	
	17	5,429,618	07/04/1996	Keogh	
	18	5,417,969	05/23/1996	Hsu et al.	
	19	5,399,331	03/21/1995	Loughrey et al.	
	20	5,288,517	02/22/1994	Kanno et al.	
	21	5,256,770	10/26/1996	Glaser et al.	
	22	5,126,140	06/30/1992	Ito et al.	
	23	5,108,759	04/28/1992	Ranny	
	24	5,071,532	12/10/1991	Taillet et al.	
	25	4,906,465	03/06/1990	Chaikof et al.	
	26	4,880,883	11/14/1989	Grasel et al.	
	27	4,560,599	12/24/1985	Regen	
	28	4,522,803	06/11/1985	Lenk et al.	
	29	4,485,045	11/27/1984	Regen	
	30	2004/0063200	04/01/2004	Chaikof et al.	

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FOREIGN PATENT DOCUMENTS

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	31	WO 05/081926	09/09/2005	Chaikof et al.		
	32	WO 02/055021	07/18/2002	Chaikof et al.		
	33	WO 02/09647	02/07/2002	Chaikof et al.		
	34	WO 01/80921	11/01/2001	Chaikof et al.		
	35	WO 01/78800	10/25/2001	Chaikof et al.		
	36	WO 00/00239	01/06/2000	Chaikof et al.		
	37	WO 98/16198	04/23/1998	Chaikof et al.		
	38	WO 96/21469	07/18/1996	Harris et al.		
	39	JP 63236731	10/03/1988	Hiroyuki et al.		
	40	EP 0 355 847	02/28/1990	Kanno et al.		

NON-PATENT LITERATURE DOCUMENTS

Examiner Initial*	Cite No. ¹	REFERENCE Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	41	Agard et al. (2004) "A Strain-Promoted [3+2] Azide-Alkyne Cycloaddition for Covalent Modification of Biomolecules in Living Systems," <i>J. Am. Chem. Soc.</i> 126(46):15046-15047	
	42	Akagawa et al. (2000) "Mechanism of Formation of Elastin Crosslinks," <i>Connect. Tissue Res.</i> 41(2):131-141	
	43	Akita et al. (1994) "Effect of FK506 and Ani-CD4 Therapy on Fetal Pig Pancreas Xenografts and Host Lymphoid Cells in NOD/L, CBA, and BALB/c Mice," <i>Cell Trans.</i> 3(1):61-73	
	44	Anderson et al. (1994) "Bioactive Silk-Like Protein Polymer Films on Silicon Devices," Alper et al. eds., <i>Materials Research Society Symp. Proc.</i> , Pittsburg, PA, 330:171-177	
	45	Andree et al. (1994) "Transport Rate Limited Catalysis on Macroscopic Surfaces; The Activation of Factor X in a Continuous Flow Enzyme Reactor," <i>Biochem.</i> 33(14):4368-4374	
	46	Aoi et al. (1994) "Glycopeptide Synthesis by an α -Amino Acid N-Carboxyanhydride (NCA) Meth: Ring-Opening Polymerization of a Sugar-Substituted NCA," <i>Macromol.</i> 27:875-877	
	47	Aoi et al. (1992) "Architectural Control of Sugar-Containing Polymers by Living Polymerization: Ring-Opening Polymerization of 2-Oxazolines Initiate With Carbohydrate Derivatives," <i>Macromol.</i> 25:7073-7075	
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	48	Arnander et al. (1998) "Influence of Blood Flow and the Effect of Protamine on the Thromboresistant Properties of a Covalently Bonded Heparin Surface," <i>J. Biomed. Mater. Res.</i> 22(10):859-868	
	49	Balchander et al. (1990) "Monolayer Transformation by Nucleophilic Substitution: Applications to the Creation of new Monolayer Assemblies," <i>Langmuir</i> 6(11):1621-1627	
	50	Basmadjian et al. (1997) "Coagulation on Biomaterials in Flowing Blood: Some Theoretical Considerations," <i>Biomater.</i> 17(23):1511-1522	
	51	Basmadjian et al. (1983) "Relationships Between Release Rate and Surface Concentration for Heparinized Materials," <i>J. Biomed. Mater. Res.</i> 17(3):509-518	
	52	Beyer et al. (1996) "Covalently Attached Polymer Mono- and Multilayers on Silanized Glass Substrates," <i>Thin Solid Films</i> 285:825-828	
	53	Bierbaum et al. (1995) "A Near Edge X-Ray Absorption Fine Structure Spectroscopy and X-ray Photoelectron Spectroscopy Study on the Film Properties of Self-Assembled Monolayers of Organosilanes on Oxidized Si(100)," <i>Langmuir</i> 11:512-518	
	54	Biessen et al. (1995) "Synthesis of Cluster Galactosides With High Affinity for the Hepatic Asialoglycoprotein Receptor," <i>J. Med Chem.</i> 38:1538-1546	
	55	Billy et al. (1995) "Prothrombin Activation by Prothrombinase in a Tubular Flow Reactor," <i>J. Biol. Chem.</i> 270(3):1029-1034	
	56	Biro et al. (1994) "Expression and Subcellular Distribution of Basic Fibroblast Growth Factor are Regulated During Migration of Endothelial Cells," <i>Circ. Res.</i> 74:485-494	
	57	Bitomsky et al. (1999) "Docking of Glycosaminoglycans to Heparin-Binding Proteins: Validation for aFGF, bFGF, and Antithrombin and Application to IL-8," <i>J. Am. Chem. Soc.</i> 121:3004-3103	
	58	Bjorquist et al. (1997) "Determination of the Kinetic Constants of Tissue Factor/Factor VII/Factor VIIA and Antithrombin/Heparin Using Surface Plasmon Resonance," <i>Thromb. Res.</i> 85(3):225-236	
	59	Blezer et al. (1998) "Initiation and Propagation of Blood Coagulation at Artificial Surfaces Studied in Capillary Flow Reactor," <i>Thromb. Haemost.</i> 79(2):296-301	
	60	Blezer et al. (1997) "Activation of Blood Coagulation at Heparin-Coated Surfaces," <i>J. Biomed. Mater. Res.</i> 37(1):108-113	
	61	Bon et al. (1999) "Amphiphilic Copolymers by Atom Transfer Polymerization with Carbohydrate-Based Initiators and Monomers," <i>Polym. Prep. (Am. Chem. Soc. Div. Polym. Chem.)</i> 40(2):248-249	
	62	Bourin et al. (1993) "Glycosaminoglycans and the Regulation of Blood Coagulation," <i>Biochem. J.</i> 289(2):313-330	
	63	Brittain et al. (1992) "Sickle Erythrocyte Adherence to Large Vessel and Microvascular Endothelium Under Physiologic Flow is Qualitatively Different," <i>J. Lab. Clin. Med.</i> 112:538-545	
	64	Broch et al. (1998) "Quantum Molecular Modeling of the Elastic Tetrapeptide Val-	
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		Pro-Gly-Gly," <i>J. Biomol. Struct. Dyn.</i> 15:1073-1091		
	65	Brown, D.F.M. (Nov. 2001) "Treatment Options for Deep Venous Thrombosis," <i>Emerg. Med. Clin. N. Am.</i> 19(4):913-923		
	66	Brummel et al. (1999) "An Integrated Study of Fibrinogen During Blood Coagulation," <i>J. Biol. Chem.</i> 274(32):22862-22870		
	67	Buller et al. (1999) "Primary Stenting Versus Balloon Angioplasty in Occluded Coronary Arteries," <i>Circ.</i> 100(3):236-242		
	68	Bundgaard, H. (1991) "Design and Application of Prodrugs," in <i>A Textbook of Drug Design and Application of Prodrugs</i> , Krosgaard-Larsen et al. eds., pp. 113-191		
	69	Bundgaard, H. (1992) "(C) Means to Enhance Penetration. (1) Prodrugs as a Means to Improve Delivery of Peptide Drugs," <i>Adv. Drug Deliv. Rev.</i> 8:1-38		
	70	Byun et al. (1996) "Binding of Antithrombin III and Thrombin to immobilize Heparin Under Flow Conditions," <i>Biotechnol. Prog.</i> 12(2):217-225		
	71	Byun et al. (1996) "Mechanism of Thrombin Inactivation by Immobilized Heparin," <i>J. Biomed. Mater. Res.</i> 30:423-427		
	72	Cai et al. (1993) "A Solid-State N.M.R. Study of Microphase Structure and Segmental Dynamics of Poly(Styrene- <i>b</i> -methylphenylsiloxane) Diblock Copolymers," <i>Polymer</i> 34:267-276		
	73	Calistri-Yeh et al. (1996) "Thermal Stability of Self-Assembled Monolayers from Alkylchlorosilanes," <i>Langmuir</i> 12:2747-		
	74	Campbell et al. (1994) "Biocompatible Surfaces Using Methacryloylphosphorylcholine Laurylmethacrylate Copolymer," <i>ASAIO J.</i> 40(3):M853-M857		
	75	Cao et al. (1997) "Sequence of Abductin, The Molluscan "Rubber" Protein," <i>Vurr. Biol.</i> 7:R677-R678		
	76	Cazalis et al. (2004) "Site-Specific PEGylation of a Truncated Thrombomodulin Derivative," <i>Polymer Mater. Sci. Eng.</i> 227:198-199		
	77	Cazalis et al. (2004) "C-Terminal Site-Specific Pegylation of Truncated Thrombomodulin Mutant with Retention of Full Bioactivity," <i>Bioconj. Chem.</i> 15:1005-1009		
	78	Chaikof et al. (1996) "Biomaterials that Imitate Cell Microenvironments," <i>Chemtech</i> 26:17-24		
	79	Chaikof et al. (1992) "PEO Enhancement of Platelet Deposition, Fibrinogen Deposition, and Complement C3 Activation," <i>J. Biomed. Mater. Res.</i> 26:1163-1168		
	80	Chan et al. (2005) "Homo sapiens Thrombomodulin," NCBI Accession No. NM_000361		
	81	Chang et al. (1989) "Nuclear Overhauser Effect and Computational Characterization of the β -Spiral of the Polypentapeptide of Elastin," <i>J. Biomol. Struct. Dyn.</i> 6(5):851-858		
	82	Chang et al. (1988) "Molecular Dynamics Calculations on Relaxed and Extended States of the Polypentapeptide of Elastin," <i>Chem. Phys. Lett.</i> 147:395-400		
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	83	Chapman et al. (1993) "Biomembranes and New Hemocompatible Materials," <i>Langmuir</i> 9:39-45		
	84	Chen et al. (1997) "Phosphorylcholine Coating of ePTFE Grafts Reduces Neointimal Hyperplasia in Canine Model," <i>Ann. Vasc. Surg.</i> 11(1):74-79		
	85	Chen et al. (1996) "Studies on the Synthesis and Properties of Novel Phospholipid Analogous Polymers," <i>J. Appl. Polym. Sci.</i> 60:455-464		
	86	Cheung et al. (1994) "Molecular Self-Assembly of Conducting Polymers," <i>Thin Solid Films</i> 244:985-989		
	87	Chon et al. (1999) "Cytomimetic Biomaterials. 3. Preparation and Transport Studies of an Alginate/Amphiphilic Copolymer/Polymerized Phospholipid Film," <i>J. Biomater. Sci. Polym. Ed.</i> 10:85-107		
	88	Chon et al. (1998) "α4β1 and α5β1 Control Cell Migration on Fibronectin by Differentially Regulating Cell Speed and Motile Cell Phenotype," <i>Ann. Biomed. Eng.</i> 26:1091-1101		
	89	Chon et al. (1997) "Role of Fibronectin and Sulfated Proteoglycans in Endothelial Cell Migration on a Cultures Smooth Muscle Layer," <i>J. Surg. Res.</i> 72:53-59		
	90	Christianson et al. (1993) "Adoptive Transfer of Diabetes into Immunodeficient NOD-scid/scid Mice: Relative Contributions of CD4 ⁺ and CD8 ⁺ T-Cells from Diabetic Versus Prediabetic NOD. NON-Thy-1 ⁺ Donors," <i>Diabetes</i> 42:44-55		
	91	Cima et al. (1995) "Network Structures of Radiation-Cross-Linked Star Polymer Gels," <i>Macromol.</i> 28:6787-6794		
	92	Clarke et al. (1993) "The Short Loop Between Epidermal Growth Factor-Like Domain-4 and Domain-5 is Critical for Human Thrombomodulin Function," <i>J. Biol. Chem.</i> 268:6309-6315		
	93	Clowes et al. (1986) "Mechanisms of Arterial Graft Failure. II. Chronic Endothelial and Smooth Muscle Cell Proliferation in Healing Polytetrafluoroethylene Prostheses," <i>J. Vasc. Surg.</i> 3:877-884		
	94	Clowes et al. (1985) "Mechanisms of Arterial Graft Failure. I. Role of Cellular Proliferation in Early Healing of PTFE Prostheses," <i>Am. J. Pathol.</i> 118(1):43-54		
	95	Clowes et al. (1977) "Suppression by Heparin of Smooth Muscle Cell Proliferation in Injured Arteries," <i>Nature</i> 265:625-626		
	96	Colton et al. (1992) "The Engineering of Xenogenetic Islet Transplantation by Immunoisolation," <i>Diab. Bufr. Metabol.</i> 5:145-149		
	97	Colton et al. (1991) "Bioengineering in the Development of the Hybrid Artificial Pancreas I," <i>Biochem. Eng.</i> 113:152-170		
	98	Contino et al. (1994) "Use of an Oriented Transmembrane Protein to Probe the Assembly of a Supported Phospholipid Bilayer," <i>Biophys. J.</i> 67:1113-1116		
	99	Conway et al. (Jan. 1997) "The Amino Terminal Lactin-Like Domain of Thrinbifulin is Required for Constitutive Endocytosis," <i>Blood</i> 89(2):652-661		
	100	Crooks et al. (1990) "Microencapsulation of Mammalian Cells in HEMA MMA		
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		Copolymer: Effects on Capsule Morphology and Permeability," <i>J. Biomed. Mater. Res.</i> 24:1241-1262	
	101	Cruise et al. (1998) "A Sensitivity Study of the Key Parameters in the Interfacial Photopolymerization of Poly(Ethylene Glycol) Diacrylate Upon Porcine Islets," <i>Biotechnol. Bioeng.</i> 57:655-665	
	102	Daugherty et al. (1999) "A Fluorescence Assay for Leucine Zipper Dimerization: Avoiding Unintended Consequences of Fluorophore Attachment," <i>J. Am. Chem. Soc.</i> 121:4325-4333	
	103	Dautzenberg et al. (1996) "Polyelectrolyte Complex Formation at the Interface of Solutions," <i>Polym. Sci.</i> 101:149-156	
	104	Debelle et al. (1999) "Elastin: Molecular Description and Function," <i>Int. J. Biochem. Cell Biol.</i> 31:261-272	
	105	Decher, G. (1997) Fuzzy Nanoassemblies: Toward Layered Polymeric Multicomposites," <i>Science</i> 277:1232-1237	
	106	Defrees et al. (1996) "Sialyl Lewis X Liposomes as a Multivalent Ligand and Inhibitor of E-Selectin Mediated Cellular Adhesion," <i>J. Am. Chem. Soc.</i> 118:6101-6104	
	107	Deming, T.J. (1999) "Mussel Bysus and Biomolecular Materials," <i>Curr. Opin. Chem. Biol.</i> 3:100-105	
	108	Dixon, W.T. (1982) "Spinning-Sideband-Free and Spinning Sideband-Only NMR spectra in Spinning Samples," <i>J. Chem. Phys.</i> 77:1800-1809	
	109	Dixon, W.T. (1982) "Total Suppression of Sidebands in CPMAS C-13 NMR," <i>J. Magn. Reson.</i> 49:341-345	
	110	Dluhy, R.A. (1986) "Quantitative External Reflection Infrared Spectroscopic Analysis of Insoluble Monolayers Spread at the Air-Water Interface," <i>J. Phys. Chem.</i> 90:1373-1379	
	111	Dodson et al. (1993) "Molecular Recognition in Insulin Assembly," <i>Biochem. Soc. Trans.</i> 21:609-614	
	112	Doshi et al. (1995) "Electrospinning Process and Applications of Electrospun Fibers," <i>J. Electrostatics</i> 35:151-160	
	113	Eaton, D.F. "Dye Sensitized Photo Polymerization," <i>Advances in Photochem.</i> 13:427-487	
	114	Egger et al. (1992) "Solid State NMR Investigation of Cationic Polymerized Epoxy Resins," <i>J. Appl. Poly. Sci.</i> 44:289-295	
	115	Einaga et al. (1999) "Photofunctional Vesicles Containing Prussian Blue and Azobenzene," <i>J. Am. Chem. Soc.</i> 121:3745-3750	
	116	Eitzman et al. (1994) "Heparin Neutralization by Platelet-Rich Thrombi," <i>Circulation</i> 89(4):1523-1529	
	117	Ejaz et al. (2000) "Controlled Grafting of a Well-Defined Glycopolimer on a Solid Surface by Surface-Initiated Atom Transfer Radical Polymerization," <i>Macromol.</i> 33:2870-2874	
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	118	Elbert et al. (1999) "Thin Polymer Layers Formed by Polyelectrolyte Multilayer Techniques on Biological Surfaces," <i>Langmuir</i> 15:5355-5362	
	119	Elender et al. (1996) "Functionalization of Si/SiO ₂ and Glass Surfaces with Ultrathin Dextran Films and Deposition of Lipid Bilayers," <i>E. Biosensors Bioelectronics</i> 11:565-577	
	120	Elliott et al. (2000) "Maleimide-Functionalized Lipids that Anchor Polypeptides to Lipid Bilayers and Membranes," <i>Bioconjug. Chem.</i> 11:832-841	
	121	Esmon et al. (1999) "Regulation and Functions of the Protein C Anticoagulant Pathway," <i>Haematologica</i> 84(4):363-368	
	122	Esmon et al. (1997) "The Protein C Pathway: New Insights," <i>Thromb. Haemost.</i> 78(1):70-74	
	123	Esmon, C.T. (1995) "Thrombomodulin as a Model of Molecular Mechanisms that Modulate Protease Specificity and Function at the Vessel Surface," <i>FASEB J.</i> 9(10):946-955	
	124	Esmon et al. (1982) "Isolation of a Membrane-Bound Cofactor for Thrombin-Catalyzed Activation of Protein-C," <i>J. Biol. Chem.</i> 257:859-864	
	125	Esmon, C.T. (1992) "The Protein C Anticoagulant Pathway," <i>Arteriosclerosis and Thrombosis</i> 12:135-145	
	126	Esmon et al. (1981) "Identification of an Endothelial Cell Cofactor for Thrombin-Catalyzed Activation of Protein C," <i>Proc. Nat. Acad. Sci. USA</i> 78(4):2249-2252	
	127	Esmon et al. (1983) "Proteolytic Formation and Properties of γCarboxyglutamic Acid-Domainless Protein C," <i>J. Biol. Chem.</i> 258(9):5548-5553	
	128	Esmon et al. (1983) "Thrombomodulin Blocks the Ability of Thrombin to Activate Platelets," <i>J. Biol. Chem.</i> 258(20):12238-12242	
	129	Espana et al. (1991) "In Vivo and In Vitro Complexes of Activated Protein C with Two Inhibitors in Baboons," <i>Blood</i> 77(8):1116-1120	
	130	Faham et al. (1996) "Heparin Structure and Interactions with Basic Fibroblast Growth Factor," <i>Science</i> 271:1116-1120	
	131	Feingold et al. (1986) "Coagulation Assays and Platelet Aggregation Patterns in Human, Baboon, and Canine Blood," <i>Am. J. Vet. Res.</i> 47:2197-2199	
	132	Feng et al. (2000) "Reconstitution of Thrombomodulin into Polymerizable Phospholipid Vesicles," <i>Polymer Preprints</i> 41(2):1653-1654	
	133	Feng et al. (2002) "Functional Reconstitution of Thrombomodulin within a Substrate-Supported Membrane-Mimetic Polymer Film," <i>Langmuir</i> 18:9907-9913	
	134	Flitsch, S.L. (Dec. 2000) "Chemical and Enzymatic Synthesis of Glycopolymers," <i>Curr. Opin. Chem. Biol.</i> 4(6):619-625	
	135	Florin et al. (1993) "Painted Supported Lipid Membranes," <i>Biophys. J.</i> 64:375-383	
	136	Fong et al. (1999) "Beaded Nanofibers Formed During Electrospinning," <i>Polymer</i> 40:4585-4592	

Examiner Signature	/Hope Robinson/	Date Considered	09/15/2008
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Sheet 8 of 25

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Substitute for form 1449/PTO, based on PTO/SB/08A and 08B	Application Number	10/598,149
		Filing Date	August 18, 2006
		First Named Inventor	Chaikof et al.
		Art Unit	1614
		Examiner Name	Not assigned
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Confirmation No. 1649

GWS 5/4/2007

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	137	Foster et al. (1973) "Isolation and Amino Acid Sequences of Tropoelastin Peptides," <i>J. Biol. Chem.</i> 24:2876-2879		
	138	Frank et al. (1991) "The Role of Complement in Inflammation and Phagocytosis," <i>Immunol. Today</i> 12:322-326		
	139	Franzblau et al. (1977) "Role of Crosslinking in Fiber Formation," <i>Adv. Exp. Med. Biol.</i> 79:313-327		
	140	Galvin et al. (1987) "Reconstitution of Rabbit Thrombomodulin into Phospholipid Vesicles," <i>J. Biol. Chem.</i> 262(5):2199-2205		
	141	Gemmell et al. (1990) "The Effects of Shear Rate on the Enzymatic Activity of the Tissue Factor-Factor VIIa Complex," <i>Microvasc. Res.</i> 40(30):327-340		
	142	Gemmell et al. (1990) "Utilization of a Continuous Flow Reactor to Study the Lipoprotein-Associated Coagulation Inhibitor (LACI) that Inhibits Tissue Factor," <i>Blood</i> 76(11):2266-2271		
	143	Gentry et al. (1995) "Surface-Mediated Enzymatic Reactions: Simulations of Tissue Factor Activation of Factor X on a Lipid Surface," <i>Biophys. J.</i> 69(2):362-271		
	144	Gerling et al. (1994) "Multiple Low-Dose Streptozocin-Induced Diabetes in NOD-scid/scid Mice in the Absence of Functional Lymphocytes," <i>Diabetes</i> 43:433-440		
	145	Gill et al. (1994) "CD4 ⁺ T Cells are Both Necessary and Sufficient for Isle Xenograft Rejection," <i>Trans. Proc.</i> 26:1203-		
	146	Gir et al. (1996) "A Numerical Analysis of Factor X Activation in the Presence of Tissue Factor/Factor VIIa Complex in a Flow Reactor," <i>Ann. Biomed. Eng.</i> 24(3):394-399		
	147	Glaser et al. (1992) "Oxidation of a Specific Methionine in Thrombomodulin by Activated Neutrophil Products Blocs Cofactor Activity. A Potential Rapid Mechanism for Modulation of Coagulation," <i>J. Clin. Invest.</i> 90:2565-2573		
	148	Gnanou et al. (1998) "Synthesis of Star Shaped Poly(Ethylene Oxide)," <i>Makromol. Chem.</i> 189:2885-2892		
	149	Goeden-Wood et al. (2002) "Improved Assembly of Multimeric Genes for the Biosynthetic Production of Protein Polymers," <i>Biomacromol.</i> 3(4):874-879		
	150	Golden et al. (1990) "Healing of Polytetrafluoroethylene Arterial Grafts is Influenced by Graft Porosity," <i>J. Vasc. Surg.</i> 11(6):838-844		
	151	Goldsmith et al. (1986) "Rheological Aspects of Thrombosis and Haemostasis: Basic Principles and Applications," <i>Thromb. Haemostas.</i> 55(3):415-435		
	152	Goodson et al. (1990) "Site-Directed Pegylation of Recombinant Interleukin-2 at its Glycosylation Site," <i>Bio-Technology</i> 8:343-346		
	153	Goosen et al. (1985) "Optimization of Microencapsulation Parameters: Semipermeable Microcapsules as a Bioartificial Pancreas," <i>Biotech. Bioeng.</i> 27:146-150		
	154	Goosen et al. (1980) "Inactivation of Thrombin by Antithrombin III on a Heparinized Biomaterial," <i>Thromb. Res.</i> 20(5-6): 543-554		
Examiner Signature		/Hope Robinson/		Date Considered 09/15/2008

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	155	Grande et al. (2001) "Glycosaminoglycan Mimetic Biomaterials. 2. Alkene- and Acrylate-Derived Glycopolymers Via Cyanoxyl-Mediated Free-Radical Polymerization," <i>Macromol.</i> 34:1640-1646		
	156	Grande et al. (2000) "Glycosaminoglycan Mimetic Biomaterials. 1. Nonsulfated and Sulfated Glycopolymers by Cyanoxyl-Mediated Free-Radical Polymerization," <i>Macromol</i> 33:1123-1125		
	157	Grande et al. (2000) "Synthesis of Non-Sulfated and Sulfated Glycopolymers," <i>Polymer Preprints</i> 41(1):1000-1001		
	158	Gray et al. (1973) "Molecular Model for Elastin Structure and Function," <i>Nature</i> 246:461-466		
	159	Gruber et al. (1991) "Antithrombotic Effects of Combining Activated Protein C and Urokinase in Nonhuman Primates," <i>Circulation</i> 84(6):2454-2462		
	160	Gruber et al. (1990) "Inhibition of Thrombus Formation by Activated Recombinant Protein C in a Primate Model of Arterial Thrombosis," <i>Circulation</i> 82(2):578-585		
	161	Gruber et al. (1989) "Inhibition of Platelet Dependent Thrombus Formation by Human Activated Protein C in a Primate Model," <i>Blood</i> 73(3):639-742		
	162	Haj Mohammadi et al. (2003) "Normal Levels of Anticoagulant Heparan Sulfate are Not Essential for Normal Hemostasis," <i>J. Clin. Invest.</i> 111:989-999		
	163	Hall et al. (1998) "Factor Xa Generation at the Surface of Cultured Rat Vascular Smooth Muscle Cells in an <i>In Vitro</i> Flow System," <i>J. Biomech. Eng.</i> 120(4):484-490		
	164	Hall et al. (1989) "Biomembranes as Models for Polymer Surfaces," <i>Biomater.</i> 10(4):219-224		
	165	Hallé et al. (1993) "Protection of Islets of Langerhans from Antibodies by Microencapsulation with Alginate-poly-L-Lysine Membranes," <i>Transplant.</i> 44:350-354		
	166	Han et al. (2001) "Studies of a Novel Human Thrombomodulin Immobilized Substrate: Surface, Characterization, and Anticoagulation Activity Evaluation," <i>J. Biomater. Sci. Polymer ed.</i> 12:1075-1089		
	167	Hanson et al. (1998) "Blood Flow and Antithrombotic Drug Effects," <i>Am. Heart J.</i> 135(5 Pt 2 SU) S132-S145		
	168	Hanson et al. (1993) "Antithrombotic Effects of Thrombin-Induced Activation of Endogenous Protein C in Primates," <i>J. Clin. Invest.</i> 92:2003-2012		
	169	Hanson et al. (1991) "Effects of Angiotensin Converting Enzyme Inhibition with Cilazapril on Intimal Hyperplasia in Injured Arteries and Vascular Grafts in the Baboon," <i>Hypertension</i> 18(4):II-70-II-76		
	170	Hanson et al. (1985) "Platelet Interactions with Dacron Vascular Grafts; A Model of Acute Thrombosis in Baboons," <i>Arteriosclerosis</i> 5(6):595-603		
	171	Harker et al. (Apr. 2000) "Effects of Megakaryocyte Growth and Development Factor on Platelet Production, Platelet Life Span, and Platelet Function in Healthy Human Volunteers," <i>Blood</i> 95(8):2514-2522		
	172	Hasegawa et al. (1995) "Quantitative Analysis of Uniaxial Molecular Orientation in		
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		Langmuir-Blodgett Films by Infrared Reflection Spectroscopy," <i>Langmuir</i> 11:1236-1243		
	173	Haskins et al. (1990) "Acceleration of Diabetes in Young NOD Mice with CD4 ⁺ Islet-Specific T Cell Clone," <i>Science</i> 249:1433-1436		
	174	Haude et al. (2003) "Heparin-Coated Stent Placement for the Treatment of Stenosis in Small Coronary Arteries of Symptomatic Patients," <i>Circulation</i> 107:1265-1270		
	175	Hayashi et al. (1999) "Hypotheses that Correlate the Sequence, Structure, and Mechanical Properties of Spider Silk Proteins," <i>Int. J. Biol. Macromol.</i> 24:271-275		
	176	Hayashi et al. (1998) "Evidence from Flagelliform Silk cDNA for the Structural Basis of Elasticity and Modular Nature of Spider Silks," <i>J. Mol. Biol.</i> 275:773-784		
	177	Hayword et al. (1986) "Biomembranes as Models for Polymer Surfaces," <i>Biomater.</i> 7:252-258		
	178	Hayword et al. (1984) "Biomembrane Surfaces as Models for Polymer Design: The Potential for Haemocompatibility," <i>Biomater.</i> 5:135-142		
	179	Hayzer et al. (1999) "cDNAs Encoding the Baboon Thrombin Receptor Indicate a Primate Transcription Start Site Upstream of Putative Sites Reported for the Human Gene," <i>Thromb. Res.</i> 98:195-201		
	180	Hayzer et al. (1993) "Characterization of a cDNA Encoding the β -Chain of Baboon Receptor Glycoprotein BPib," <i>Gene</i> 127:271-272		
	181	He et al. (1999) "Site-Directed Polyethylene Glycol Modification of Trichosanthin: Effects on its Biological Activities, Pharmacokinetics, and Antigenicity," <i>Life Sci.</i> 64:1163-1175		
	182	Hebert et al. (1992) "A New Reagent for the Removal of the 4-Methoxybenzyl Ether. Application to the Synthesis of Unusual Macrocyclic and Bolaform Phosphatidylcholines," <i>J. Org. Chem.</i> 57:1777-1783		
	183	Helm et al. (1991) "Measurement of Ligand-Receptor Interactions," <i>Proc. Nat. Acad. Sci. USA</i> 88:8169-8173		
	184	Hergenrother et al. (2000) "Small-Molecule Microarrays: Covalent Attachment and Screening of Alcohol-Containing Small Molecules on Glass Slides," <i>J. Am. Chem. Soc.</i> 122:7849-7850		
	185	Heroguez et al. (1997) "Novel Amphiphilic Architectures by Ring-Opening Metathesis Polymerization of Macromonomers," <i>Macromol.</i> 30:4791-4798		
	186	Huang et al. (2000) "Generation of Synthetic Elastin-Mimetic Small Diameter Fibers and Fiber Networks," <i>Macromol.</i> 33:2989-2997		
	187	Hubbell et al. (1991) "Endothelial Cell-Selective Materials for Tissue Engineering in the Vascular Graft Via a New Receptor," <i>Bio/Technol.</i> 9:568-572		
	188	Hudson et al. (1997) "The Spinning of Silk-Like Proteins into Fibers," In; <i>Protein Based Materials</i> , McGrath et al., Boston, pp. 313-337		
	189	Ishihara, K. (1997) "Novel Polymeric Materials for Obtaining Blood-Compatible Surfaces," <i>TRIP</i> 5(12):401-407		
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	190	Ishihara et al. (1995) "Synthesis of Phospholipid Polymers Having a Urethane Bond in the Side Chain as Coating Material on Segmented Polyurethane and Their Platelet Adhesion-Resistant Properties," <i>Biomater.</i> 16:873-879	
	191	Ishihara et al. (1994) "Haemocompatibility on Graft Copolymers Composed of Poly(2-Methacryloyloxyethyl Phosphorylcholine) Side Chain and Poly(<i>n</i> -butyl Methacrylate) Backbone," <i>J. Biomed. Mater. Res.</i> 28:225-232	
	192	Ishihara et al. (1992) "Hemocompatibility of Human Whole Blood Polymers with a Phospholipid Polar Group and Its Mechanism," <i>J. Biomed. Mater. Res.</i> 26:1543-1552	
	193	Ishihara et al. (1990) "Reduced Thrombogenicity of Polymers Having Phospholipid Polar Groups," <i>J. Biomed. Mater. Res.</i> 24:1069-1077	
	194	Ito et al. (1992) "Cell Growth Factor Immobilized Materials," In: <i>Synthesis of Biocomposite Materials: Chemical and Biological Modified Natural Polymers</i> , Imanishi, Y. ed., Section 5.2, Boca Raton, FL, CRC Press, pp. 285-310, 314	
	195	Jackson et al. (1991) "Glycosaminoglycans: Molecular Properties, Protein Interactions, and Role in Physiological Processes," <i>Physiol. Rev.</i> 71(2):481-539	
	196	Janeway et al. (1994) "Signals and Signs for Lymphocyte Responses," <i>Cell.</i> 76:275-285	
	197	Jarpe et al. (1990) "Flow Cytometric Enumeration of Mononuclear Cell Populations Infiltrating the Islets of Langerhans in Prediabetic NOD Mice: Development of Model of Autoimmune Insulinitis for Type I Diabetes," <i>Regional Immunol.</i> 3:305-317	
	198	Kagan et al. (1980) "Repeat Polypeptide Models of Elastin as Substrates for Lysyl Oxidase," <i>J. Biol. Chem.</i> 255:3656-3659	
	199	Kalafatis et al. (1997) "The Regulation of Clotting Factors," <i>Crit. Rev. Eukaryot. Gene Expr.</i> 7:241-280	
	200	Kalafatis et al. (1996) "Regulation and Regulatory Role of γ -Carboxyglutamic Acid Containing Clotting Factors," <i>Crit. Rev. Eukaryotic Gene Expression</i> 6(1):87-101	
	201	Karpusas et al. (1997) "The Crystal Structure of Human Interferon Beta at 2.2-Å Resolution," <i>Proc. Nat. Acad. Sci. USA</i> 94:11813-11818	
	202	Katre, N.V. (1993) "The Conjugation of Proteins with Polyethylene Glycol and Other Polymers. Altering Properties of Proteins to Enhance Their Therapeutic Potential," <i>Adv. Drug Deliv. Rev.</i> 10:91-114	
	203	Kawamoto et al. (1992) "Reconstituted Collagen is Not Capable of Activating XII but Causes Intrinsic Coagulation by Activating Platelets," <i>Blood. Coagulation Fibrinolysis</i> 3(4):371-379	
	204	Ke et al. (1995) "Ovalbumin Injected with Complete Freund's Adjuvant stimulates Cytolytic Responses," <i>Eur. J. Immunol.</i> 1995:549-553	
	205	Khaled et al. (1976) "Proton Magnetic Resonance and Conformational Energy Calculations of Repeat Peptides of Tropoelastin: The Tetrapeptide," <i>J. Am. Chem. Soc.</i> 98:7547-7553	
	206	Klick et al. (2002) "Incorporation of Azides into recombinant Proteins for	
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		Chemoselective Modification by the Staudinger Ligation," <i>Proc. Nat. Acad. Sci. USA</i> 99:19-24	
	207	Kim et al. (2000) "The Influence of Tiered Layers of Surface-Grafted Poly(ethylene Glycol) on Receptor-Ligand-Mediated Adhesion Between Phospholipid Monolayer-Stabilized Microbubbles and Coated Glass Beads," <i>Langmuir</i> 16:2808-2817	
	208	Kim et al. (Feb. 2001) "Characterizing Structural Changes in Point-Bonded Nonwoven Fabrics During Load-Deformation Experiments," <i>Textile Res. J.</i> 71(2):157-164	
	209	Kimura et al. (1992) "High-Resolution Solid-State ¹³ C Nuclear Magnetic Resonance Study of the Combined Process of ¹ H Spin Diffusion and ¹ H Spin-Lattice Relaxation in Semicrystalline Polymers," <i>Polymer</i> 33(3):493-497	
	210	King et al. (1987) "Alginate-Polylysine Microcapsules of Controlled Membrane Molecular Weight Cutoff for Mammalian Cell Culture Engineering," <i>Bioech. Prog.</i> 3:231-240	
	211	Kishida et al. (1995) "In Vivo and Ex Vivo Evaluation of the Antithrombogenicity of Human Thrombomodulin Immobilized Biomaterials," <i>ASAIO J.</i> 41(3):M369-374	
	212	Kishida et al. (1994) "Immobilization of Human Thrombomodulin on Biomaterials-Evaluation of the Activity of Immobilized Human Thrombomodulin," <i>Biomater.</i> 15(14):1170-1174	
	213	Kishida et al. (1994) "Immobilization of Human Thrombomodulin onto Poly(Ether Urethane urea) for Developing Antithrombogenic Blood-Contacting Materials," <i>Biomater.</i> 15(10):848-852	
	214	Kishida et al. (1994) "Immobilization of Human Thrombomodulin onto Biomaterials," <i>ASAIO J.</i> 40(3):M840-M845	
	215	Kobayashi et al. (1974) "Theory of the Kinetics of Reactions Catalyzed by Enzymes Attached to Membranes," <i>Biotech. Bioeng.</i> 16(1):77-97	
	216	Kobayashi et al. (1974) "Theory of the Kinetics of Reactions Catalyzed by Enzymes Attached to the Interior Surfaces of Tubes," <i>Biotech. Bioeng.</i> 16(1):99-118	
	217	Kogan, T.P. (1992) "The Synthesis of Substituted Methoxy-Poly(Ethylene Glycol) Derivatives Suitable for Selective Protein Modification," <i>Synth. Commun.</i> 22:2417-2424	
	218	Kohler et al. (1996) "Platelet Adhesion to Novel Phospholipid Materials: Modified Phosphatidylcholine Covalently Immobilized to Silica, Polypropylene, and PTFE Materials," <i>J. Biomed. Mater. Res.</i> 32:237-242	
	219	Kojima et al. (1991) "Interaction Between Phospholipids and Biocompatible Polymers Containing a Phosphorylcholine Moiety," <i>Biomater.</i> 12:121-124	
	220	Korbitt et al. (1996) "Large Scale Isolation, Growth, and Function of Porcine Neonatal Islet Cells," <i>J. Clin. Invest.</i> 97(9):2119-2129	
	221	Korbitt et al. (1995) "Porcine Islet Cell Antigens are Recognized by Xenoreactive Natural Human Antibodies of Both IgG and IgM Subtypes," <i>Transplant. Proc.</i> 28:821-823	
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	222	Korbutt et al. (1995) "Successful Reversal of Diabetes in Nude Mice by Transplantation of Microencapsulation Porcine Neonatal Islet Cell Aggregation," <i>Transplant. Proc.</i> 27:3212		
	223	Krejchi et al. (1994) "Chemical Sequence Control of β -Sheet Assembly in Macromolecular Crystals of Periodic Polypeptides," <i>Science</i> 265:1427-1432		
	224	Krych et al. (1992) "Complement Receptors," <i>Curr. Opin. Immunol.</i> 4:8-13		
	225	Kuan et al. (1994) "Pseudomonas Exotoxin A Mutants. Replacement o Surface Exposed Residues in Domain II with Cysteine Residues that can be Modified with Polyethylene Glycol in a Site-Specific Manner," <i>J. Biol. Chem.</i> 269:7610-7616		
	226	Kuhlschmidt et al. (1983) "Specificity of Chicken Liver Carbohydrate Binding Protein," <i>Biochem.</i> 23(16):3569-3575		
	227	Kuhner et al. (1994) "Lipid Mono- and Bilayer Supported on Polymer Films: Composite Polymer-Lipid Films on Solid Substrates," <i>E. Biopys. J.</i> 67:217-226		
	228	Kurfurst, M.M. (1992) "Detection and Molecular Weight Determination of Polyethylene Glyol-Modified Hirudin by Staining After Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis," <i>Anal. Biochem.</i> 200:244-248		
	229	Lamparski et al. (1993) "Thermotropic Properties of Model Membranes Composed of Polymerizable Pipids. 1. Phosphatidylcholines Containing Terminal Acryloyl, Methacryloyl, and Sorbyl Groups," <i>J. Am. Chem. Soc.</i> 115:8096-8102		
	230	Lamparski et al. (1992) "Photoinduced Destabilization of Liposomes," <i>Biochem.</i> 31:685-694		
	231	Laster et al. (1988) "Heparin-Coated Catheters and Heparin-Induced Thrombocytopenia," <i>J. Vasc. Surg.</i> 7(5):667-672		
	232	Lee et al. (Aug. 2000) "Thermo-Reversible Self-Assembly of Nanoparticles Derived from Elastin-Mimetic Polypeptides," <i>Adv. Mater.</i> 12(15):1105-1110		
	233	Lenschow et al. (1992) "Long-Term Survival of Xenogeneic Pancreatic Islet Grafts Induced cy CTLA4Ig," <i>Science</i> 257:789-795		
	234	Lim et a. (1980) "Microencapsulated Islet as a Bioartificial Endocrine Pancreas," <i>Science</i> 210:908-910		
	235	Lindhout et al. (1995) "Antithrombin Activity of Surface-Bound Heparin Studied Under Flow Conditions," <i>J. Blomed. Mater. Res.</i> 29(10):1255-1266		
	236	Linder et al. (1990) "Basic Fibroblast Growth Factor Stimulates Endothelial Regrowth and Proliferation in Denuded Arteries," <i>J. Clin. Invest.</i> 85:2004-2008		
	237	Loudovaris et al. (1992) "The Role of T Cells in the Destruction of Xenografts Within Cell Impermeable Membranes," <i>Transplant. Proc.</i> 24:2938		
	238	Loykulnant et al. (2000) "Protection and Polymerization of Functional Monomers. 30. Anionic Living Polymerization of 4-Alkylstyrenes Containing Acetal-Protected Monosaccharide Residues," <i>Macmol.</i> 33:4757-4764		
	239	Loykulnant et al. (1998) "Protection and Polymerization of Functional Monomers. 28. Anionic Living Polymerization of Styrene Derivatives Containing Acetal-Protected		
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	First Named Inventor	Chaikof et al.
	Art Unit	1614
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	Attorney Docket Number	11-04

Confirmation No. 1649

GWS 5/4/2007

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		Monosaccharide Residues," <i>Macromol.</i> 31:9121-9126	
	240	Lu et al. (1996) "Comparison of Activated Protein C/Protein S-Mediated Inactivation of Human Factor VIII and Factor V," <i>Blood</i> 87(11):4708-4717	
	241	Lvov et al. (1993) "Assembly, Structural Characterization, and Thermal Behavior of Layer-by-Layer Deposited Ultrathin Films of Poly(Vinyl Sulfate) and Poly(allylamine)," <i>Langmuir</i> 9:481-486	
	242	MacDonald et al. (1991) "Small-Volume Extrusion Apparatus for Preparation of Large, Unilamellar Vesicles," <i>Biochim. Biophys. Acta.</i> 1061:297-303	
	243	Manjula et al. (2003) "Site-Specific PEGylation of Hemoglobin at cys-93(Beta): Correlation Between the Colligative Properties of the PEGylated Protein and the Length of the Conjugates PEG Chain," <i>Bioconjug. Chem.</i> 14:464-472	
	244	Mann et al. (1988) "Cofactor Proteins in the Assembly and Expression of Blood Clotting Enzyme Complexes," <i>Ann. Rev. Biochem.</i> 57:915-956	
	245	Mao et al. (1995) "Interactions, Structure and Stability of Photoreactive Bolaform Amphiphile Multilayers," <i>Langmuir</i> 11:942-952	
	246	Maoz et al. (1984) "On the Formation and Structure of Self-Assembling Monolayers," <i>J. Colloid Interface Sci.</i> 100(2):465-496	
	247	Markovich et al. (1991) "Silica Subsurface Amine Effect on the Chemical Stability and Chromatographic Properties of End-Capped Immobilized Artificial Membrane Surfaces," <i>Anal. Chem.</i> 63:1851-1860	
	248	Marra et al. (1997) "Cytomimetic Biomaterials. 1. <i>In-Situ</i> Polymerization of Phospholipids on Alkylated Surface," <i>Macromol.</i> 30(21):6483-6488	
	249	Marra et al. (1997) "Cytomimetic Biomaterials. 2. <i>In-Situ</i> Polymerization of Phospholipids on a Polymer Surface," <i>Langmuir</i> 13:5697-5701	
	250	Marra et al. (1997) "Stabilized Phosphatidylcholine Surfaces Via <i>In-Situ</i> Polymerization at a Solid-Liquid Interface," <i>Polymer Preprints</i> 38(2):682-683	
	251	Marsh et al. (1999) "Atom Transfer Polymerization: Use of Uridine and Adenosine Derivatized Monomers and Initiators," <i>J. Macromol.</i> 32:8725-8731	
	252	Martin et al. (1997) "Processing and Characterization of Protein Polymers," In; <i>Protein-Based Materials</i> , McGrath et al. Eds., Birkhauser: Boston, pp. 339-370	
	253	Martin et al. (1994) "General Method for the Synthesis of Phospholipid Derivatives of 1,2-O-diacyl-sn-Glycerols," <i>J. Org. Chem.</i> 59:4805-4820	
	254	Massia et al. (1992) "Vascular Endothelial Cell Adhesion and Spreading Promoted by Peptide REDV of the IICS Region of Plasma Fibronectin is Mediated by Integrin $\alpha_2\beta_1$," <i>J. Biol. Chem.</i> 267:14019-14026	
	255	Mathew et al. (1993) "Complex Coacervate Microcapsules for Mammalian Cell Culture and Artificial Organ Development," <i>Biotechnol. Prog.</i> 9:510-519	
	256	Mauk et al. (1998) "Structural Characterization of Self-Assembled Lipid Monolayers by <i>Nmr</i> Simulation," <i>Langmuir</i> 14:5255-5266	
	257	Mauk et al. (1980) "Vesicle Targeting: Timed Release and Specificity for Leukocytes	
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		in Mice by Subcutaneous Injection," <i>Science</i> 207:309-311	
	258	McLean et al. (1983) "Preparation of Stable Polar Surfaces Using Polymerizable Long-Chain Diacetylene Molecules," <i>Thin Solid Films</i> 99:127-131	
	259	McMillan et al. (2000) "Synthesis and Characterization of Elastin Mimetic Protein Gels Derived from a Well-Defined Polypeptide Precursor," <i>Macromol.</i> 33:4809-4821	
	260	McMillan et al. (1999) "High-Resolution Topographic Imaging of Environmentally Responsive, Elastin-Mimetic Hydrogels," <i>Macromol.</i> 32:9067-9070	
	261	McMillan et al. (1999) "Rapid Assembly of Synthetic Genes Encoding Protein Polymers," <i>Macromol.</i> 32:3643-3648	
	262	McPherson et al. (1996) "Product Purification by Reversible Phase Transition Following <i>Escherichia coli</i> Expression of Genes Encoding up to 251 Repeats of the Elastomeric Pentapeptide GVGVP," <i>Protein Exp. Purification</i> 7:51-57	
	263	McPherson et al. (1992) "Production and Purification of a Recombinant Elastomeric Polypeptide, G-(VPGVG) ₁₉ -VPGV, from <i>Escherichia coli</i> ," <i>Biotechnol. Prog.</i> 8:347-352	
	264	Merrill et al. (1970) "Polyvinyl Alcohol-Heparin Hydrogel 'G'," <i>J. Appl. Phys.</i> 29(5):723-730	
	265	Meuse et al. (1998) "Hybrid Bilayer Membranes in Air and Water: Infrared Spectroscopy and Neutron Reflectivity Studies," <i>Biophys. J.</i> 74:1388-1398	
	266	Mielczarski et al. (1989) "Fourier Transform Infrared External Reflection Study of Molecular Orientation in Spontaneously Adsorbed Layers on Low-Absorption Substrated," <i>J. Phys. Chem.</i> 93:2034-2038	
	267	Miller et al. (1988) "Both the Lyt-2 ⁺ and L3T4 ⁺ T Cell Subsets are Required for the Transfer of Diabetes in Nonobese Diabetic Mice," <i>J. Immunol.</i> 140:52-58	
	268	Minoda et al. (1995) "Synthesis of Functional Polymers Bearing Pendant Mono- and Oligo- Saccharide Residues," <i>Macromol. Symp.</i> 99:169-177	
	269	Miyata et al. (1997) "Polymers with Pendent Saccharides – 'Glycopolymers'," <i>Trends Polymer Sci.</i> 5:198-206	
	270	Miyoshi et al. (1976) "A Rapid Formation of Lysine-Derived Crosslinks by Chick Embryo Aorta," <i>J. Biochem. (Tokyo)</i> 79:1235-1243	
	271	Monkarsh et al. (1997) "Positional Isomers of Monopegylated Interferon α -2a: Isolation, Characterization, and Biological Activity," <i>Anal. Biochem.</i> 247(2):434-440	
	272	Monshipouri et al. (1995) "Liposome-Encapsulated Alginate: Controlled Hydrogel Particle Formation and Release," <i>Microencapsulation</i> 12(2):117-127	
	273	Moore et al. (1983) "Ion-Binding Properties of Poly(iminomethylene(<i>cis</i> -tetrahydro-2,5-furandiyl)carbonyl) and Poly(oxymethylene(<i>cis</i> -tetrahydro-2,5-furandiyl)-carbonyl)," <i>Macromol.</i> 16:338-339	
	274	Morpurgo et al. (1996) "Preparation and Characterization of Poly(Ethylene Glycol) Vinyl Sulfone," <i>Boconjug. Chem.</i> 7:363-368	
	275	Moses et al. (1990) "Xenogeneic Proliferation and Lymphokine Production are Dependent Upon CD4 ⁺ Helper T Cells and Self Antigen-Presenting Cells in the	
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		Mouse," <i>Exp. Med.</i> 172:567-575	
	276	Moya et al. (2000) "Lipid Coating on Polyelectrolyte Surface Modified Colloidal Particles and Polyelectrolyte Capsules," <i>Macromol.</i> 33:4538-4544	
	277	Muller-Eberhard, H.I. (1988) "Molecular Organization and Function of the Complement System," <i>Ann. Rev. Biochem.</i> 57:321-347	
	278	Nagahori et al. (2001) "Tailored Glycolipomers: Controlling the Carbohydrate-Protein Interaction Based on Template Effect," <i>Biomacromolecules</i> 2:22-24	
	279	Nagashima et al. (1993) "Alanine-Scanning Mutagenesis of the Epidermal Growth Factor-Like Domains of Human Thrombomodulin Identifies Critical Residues for its Cofactor Activity," <i>J. Biol. Chem.</i> 268:2888-2892	
	280	Nagle et al. (1996) "X-Ray Structure Determination of Fully Hydrated L _α Phase Dipalmitoylphosphatidylcholine Bilayers," <i>Biophys. J.</i> 70:1419-1431	
	281	Nah et al. (2000) "Polymeric Micelle Formation of Multiblock Copolymer Composed of Poly(γ-Benzyl L-Glutamate) and Poly(Ethylene Oxide)," <i>Bull. Korean Chem. Soc.</i> 21(4):383-388	
	282	Nah et al. (2000) "Drug-Delivery System Based on Core-Shell-Type Nanoparticles Composed of Poly(γ-Benzyl L-Glutamate) and Poly(Ethylene Oxide)," <i>J. Appl. Polymer Sci.</i> 75:1115-1126	
	283	Nemerson et al. (1991) "The Effect of Flow on Hemostasis and Thrombosis," <i>Thromb. Haemost.</i> 66(3):272-276	
	284	Nickerson et al. (1993) "Analysis of Cytokine Transcripts in Mancreatic Islet Cell allografts During Rejection and Tolerance Induction," <i>Transplantation Proc.</i> 25:984-985	
	285	Nielsen et al. (Apr. 1988) "Glycolamide Esters as Biolabile Prodrugs of Carboxylic Acid Agents: Synthesis, Stability, Bioconversion, and Physicochemical Properties," <i>J. Pharm. Sci.</i> 77(4):285-298	
	286	Nojiri et al. (1996) "Can Heparin Immobilized Surfaces Maintain Immobilized Polymer Surfaces," <i>ASAIO J.</i> 42(5):M468-M475	
	287	Nojiri et al. (1990) <i>In Vivo</i> Nonthrombogenicity of Heparin Immobilized Polymer Surfaces," <i>ASAIO Trans.</i> 36(3):M168-M172	
	288	Nomura et al. (1996) "Preparation of 'Sugar-coated' Homopolymers and Multiblock ROMP Copolymers," <i>Macromol.</i> 29:540-545	
	289	O'Brien et al. (1998) "Polymerization of Preformed Self-Organized Assemblies," <i>Acc. Chem. Res.</i> 31:861-868	
	290	O'Connell et al. (1993) "Unmodified Pancreatic Islet Allograft Rejection Results in the Preferential Expression of Certain T Cell Activation Transcripts," <i>J. Immunol.</i> 150:1093-1104	
	291	O'Donnell et al. (1992) "Radiation Degradation of Linear Low Density Polyethylene: Determination of Lamellae Thickness, Crystallinity and Crosslinking by Solid-State ¹³ C NMR and DSC," <i>Rad. Phys. Chem.</i> 36(20):209-214	
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	292	O'Donnell et al. (1992) "A Solid-State ¹³ C-NMR Study of Crosslinking in Polybutadiene by γ Radiation: Effect of Microstructure and Dose," <i>J. Polym. Chem. Ed.</i> 30:185-195		
	293	Ohno et al. (1999) "Nitroxide-Controlled Free Radical Polymerization of a Sugar-Carrying Acryloyl Monomer," <i>Macromol. Chem. Phys.</i> 200:1619-1625		
	294	Ohno et al. (1998) "Synthesis of a Well-Defined Glycopolymers by Nitroxide-Controlled Free Radical Polymerization," <i>Macromol.</i> 31:1064-1069		
	295	Ohno et al. (1998) "Synthesis of a Well-Defined Glycopolymers by Atom Transfer Radical Polymerization," <i>J. Polym. Sci. A. Polym. Chem.</i> 36:2473-2481		
	296	Ohno et al. (1998) "Free Radical Polymerization of a Sugar Residue-Carrying Styryl Monomer with a Lipophilic Alkoxyamine Initiator: Synthesis of a Well-Defined Novel Glycolipid," <i>Macromol. Chem. Phys.</i> 199:2193-2197		
	297	Ohno et al. (1987) "Polymerization of Liposomes Composed of Diene-Containing Lipids by UV and Radical Initiators: Evidence for the Different Chemical Environment of Diene Groups on 1- and 2-Acyl Chains," <i>Macromol.</i> 20:929-933		
	298	Ohno et al. (1987) "Polymerization of Liposomes Composed of Diene-Containing Lipids by Radical Initiators. II. Polymerization of Monodiene-Type Lipids as Liposomes," <i>J. Polym. Sci. A. Polym. Chem.</i> 25:2737-2746		
	299	Orban et al. (2000) "Cytomimetic Biomaterials. 4. In-Situ Photopolymerization of Phospholipids on an Alkylated Surface," <i>Macromol.</i> 33(11):4205-4212		
	300	Ornitz et al. (1995) "FGF Binding and FGF Receptor Activation by Synthetic Heparan-Derived Di- and Trisaccharides," <i>Science</i> 268:432-434		
	301	Otani et al. (1996) "Rapidly Curable Biological Glue Composed of Gelatin and Poly(L-Glutamic Acid)," <i>Biomater.</i> 17(14):1387-1391		
	302	Owen et al. (1981) "Functional Properties of an Endothelial Cell Cofactor for Thrombin-Catalyzed Activation of Protein C," <i>J. Biol. Chem.</i> 256(11):5532-5535		
	303	Packer et al. (1984) "The Effects of Morphology on ¹ H NMR Spectra and Relaxation in Semicrystalline Polyolefins," <i>J. Polym. Sci. Polym. Phys.</i> 22:589-616		
	304	Paritich et al. (1999) "Design and Biosynthesis of Elastin-Like Artificial Extracellular Matrix Proteins Containing Periodically Spaced Fibronectin CS5 Domains," <i>Macromol.</i> 32:1701-1703		
	305	Parikh et al. (1994) "An Intrinsic Relationship Between Molecular Structure in Self-Assembled <i>n</i> -alkylsiloxane Monolayers and Deposition Temperature," <i>J. Phys. Chem.</i> 98:7577-7590		
	306	Parker et al. (1996) "Transplantation of Discordant Xenografts: A Challenge Revisited," <i>Immunol. Today</i> 17:373-378		
	307	Parkinson et al. (1992) "Structure-Function Studies of the Epidermal Growth-Factor Domains of Human Thrombomodulin," <i>Biochem. Biophys. Res. Commun.</i> 185:567-576		
	308	Pasquali-Ronchetti et al. (1998) "Study of Elastic Fiber Organization by Scanning		

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		Force Microscopy," <i>Matrix Biol.</i> 17:75-83	
	309	Pasquali-Ronchetti et al. (1995) "Ultrastructure of Elastin," <i>Ciba Foundation Symp.</i> 192:31-50	
	310	Pearce et al. (1993) "Comparison of the Membrane Binding Kinetics of Bovine Prothrombin and Its Fragment 1," <i>J. Biol. Chem.</i> 268:22984-22991	
	311	Peterson et al. (1996) "Transfer of Diabetes in the NOD- <i>scid</i> Mouse by CD4 T-Cell Clones: Differential Requirement for CD8 T-Cells," <i>Diabetes</i> 45:328-336	
	312	Petka et al. (1998) "Reversible Hydrogels from Self-Assembling Artificial Proteins," <i>Science</i> 281:389-392	
	313	Petitou et al. (1999) "Synthesis of Thrombin-Inhibiting Heparin Mimetics Without Side Effects," <i>Nature</i> 398:417-422	
	314	Petitou et al. (1998) "First Synthetic Carbohydrates with the Full Anticoagulant Properties of Heparin," <i>Chem. Int. Ed.</i> 37:3009-3014	
	315	Pierson et al. (1989) "CD4 ⁺ Lymphocytes Play a Dominant Role in Murine Xenogeneic Responses," <i>Trans. Proc.</i> 21:519	
	316	Plant et al. (1995) "Phospholipid/Alkanethiol Bilayers for Cell-Surface Receptor Studies by Surface Plasmon Resonance," <i>Anal. Biochem.</i> 226:342-348	
	317	Plant, A.L. (1993) "Self-Assembled Phospholipid/Alkanethiol Biomimetic Bilayers on Gold," <i>Langmuir</i> 9:2764-2767	
	318	Plant et al. (1989) "Generic Liposome Reagent for Immunoassays," <i>Anal. Biochem.</i> 176:420-426	
	319	Ponpipom et al. (1980) "Isolation of 1,3-Distearoyl-Glycero-2-Phosphocholine (β -Lectin) from Commercial 1,2-Distearoyl- <i>sn</i> -Glycero-3-Phosphocholine," <i>Lipid Res.</i> 21:136-139	
	320	Pourdeyhimi et al. (1999) "Measuring Fiber Diameter Distribution in Nonwovens," <i>Textile Res. J.</i> 69:233-236	
	321	Qiu et al. (1994) "Protein Kinase C-Dependent and -Independent Pathways of Mitogen-Activated Protein Kinase Activation in Macrophages by Stimuli that Activate Phospholipase A ₂ ," <i>J. Biol. Chem.</i> 269:19480-19487	
	322	Rand et al. (1996) "Blood Clotting in Minimally Altered Whole Blood," <i>Blood</i> 88(9):3432-3445	
	323	Rapaka et al. (1978) "Non-Elastomeric Polypeptide Models of Elastin," <i>Int. J. Pept. Protein Res.</i> 11:109-127	
	324	Regen et al. (1983) "Polymer-Supported Membranes. A New Approach for Modifying Polymer Surfaces," <i>Macromol.</i> 16:335-338	
	325	Reneker et al. (1996) "Nanometre Diameter Fibers of Polymer, Produced by Electrospinning," <i>Nanotechnol.</i> 7:216-223	
	326	Reneker et al. (1995) "Electrospun Polyaramid Fibers: Structure and Morphology," <i>Bull. Am. Phys. Soc.</i> 40:351 Abstract	

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	327	Rifkin et al. (1989) "Recent Developments in the Cell Biology of Basic Fibroblast Growth Factor," <i>J. Cell. Biol.</i> 109:1-6		
	328	Ringsdorf et al. (1988) "Molecular Architecture and Function of Polymeric Oriented System: Models for the Study of Organization, Surface Recognition, and Dynamics of Biomembranes," <i>Angew Chem. Int. Ed. Engl.</i> 27:113-158		
	329	Roach et al. (1957) "The Reason for the Shape of the Distensibility Curves of Arteries," <i>Can. J. Biochem. Physiol.</i> 25:681-690		
	330	Roberts et al. (1996) "Dopamine Secretion by PC12 Cells Microencapsulated in a Hydroxymethyl Methacrylate-Methyl Methacrylate Copolymer," <i>Biomater.</i> 17:267-275		
	331	Roberts et al. (2002) "Chemistry for Peptide and Protein PEGylation," <i>Adv. Drug Deliv. Rev.</i> 54:459-476		
	332	Robins et al. (1982) "Analysis of the Crosslinking Components in Collagen and Elastin," <i>Methods Biochem. Anal.</i> 28:329-379		
	333	Rosen et al. (1991) "Regulation of Motility in Bovine Brain Endothelial Cells," <i>J. Cell. Physiol.</i> 146:325-335		
	334	Roy et al. (2000) "Synthesis and Fluorescence Properties of New Fluorescent, Polymerizable, Metal-Chelating Lipids," <i>J. Org. Chem.</i> 65:3644-3651		
	335	Roy, R. (1997) "Recent Developments in the Rational Design of Multivalent Glycoconjugates," <i>Top. Curr. Chem.</i> 187:241-274		
	336	Roy, R. (1996) "Synthesis and Some Applications of Chemically Defined Multivalent Glycoconjugates," <i>Curr. Opin. Struct. Biol.</i> 6:692-702		
	337	Sabatani et al. (1987) "Organized Self-Assembling Monolayers on Electrodes. 2. Monolayer-Based Ultramicroelectrodes for the Study of Very Rapid Electrode Kinetics," <i>J. Phys. Chem.</i> 91:6663-6669		
	338	Sackmann et al. (2000) "Supported Membranes on Soft Polymer Cushions: Fabrication, Characterization and Applications," <i>Trans. Biotechnol.</i> 18:58-64		
	339	Sadler, J.E. (1997) "Thrombomodulin Structure and Function," <i>Thromb. Haemst.</i> 78:392-395		
	340	Sakai et al. (1998) "Molecular Orientation in Langmuir Film of 12-Hydroxystearic Acid Studied by Infrared External-Reflection Spectroscopy," <i>Langmuir</i> 1:6249-6255		
	341	Sakata et al. (1985) "Activated Protein C Stimulates the Fibrinolytic Activity of Cultured Endothelial Cells and Decreases Antiactivator Activity," <i>Proc. Nat. Acad. Sci. USA</i> 82(4):1121-1125		
	342	Sandberg et al. (1985) "Elastin Covalent Structure as Determined by Solid Phase Amino Acid Sequencing," <i>Pathol. Biol.</i> 33:266-274		
	343	Sandberg et al. (1981) "Elastin Structure, Biosynthesis, and Relation to Disease States," <i>N. Eng. J. Med.</i> 304:566-579		
	344	Sandberg et al. (1977) "Primary Structure of Porcine Tropoelastin," <i>J. Adv. Exp. Med. Biol.</i> 79:277-284		
	345	Santin et al. (1996) "Synthesis and Characterization of a New Interpenetrated Poly(2-		
Examiner Signature	/Hope Robinson/		Date Considered	

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		Filing Date	August 18, 2006
		First Named Inventor	Chaikof et al.
		Art Unit	1614
		Examiner Name	Not assigned
		Attorney Docket Number	11-04

Confirmation No. 1649

GWS 5/4/2007

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		Hydroxyethylmethacrylate)-Gelatin Composite Polymer," <i>Bioamterials</i> 17(15):1459-1467		
	346	Sato et al. (1988) "Autocrine Activities of Basic Fibroblast Growth Factor: Regulation of Endothelial Cell Movement, Plasminoen Activator Synthesis and DNA Synthesis," <i>J. Cell. Biol.</i> 107:1199-1205		
	347	Saxon et al. (2000) "Cell Surface Engineering by a Modified Staudinger Reaction," <i>Science</i> 287:2007-2010		
	348	Schmidt et al. (1989) "Recent Developments in the Synthesis of Glycoconjugates," <i>Pure Appl. Chem.</i> 61(7):1257-1270		
	349	Sefton, M.V. (1989) "Blood, Guts, and Chemical Engineering," <i>Can. J. Chem. Eng.</i> 67:705-712		
	350	Seifert et al. (1993) "Charge Transport by Ion Translocating Membrane Proteins on Solid Supported Membranes," <i>Biophs. J.</i> 64:384-391		
	351	Seitz et al. (1998) "Formation of Tethered Supported Bilayers Via Membrane-Inserting Reactive Lipids," <i>Thin Solid Films</i> 329:767-771		
	352	Sells et al. (1994) "Two-Dimensional Polymerization of Lipid Bilayers: Degree of Polymerization of Acryloyl Lipids," <i>Macromol.</i> 27:226-233		
	353	Serruys et al. (1998) "Randomised Comparison of Implantation of Heparin-Coated Stents with Baloon Angioplasty in Selected Patients with Coronary Artery Disease (Benestent II)," <i>Lancet</i> 352:673-681		
	354	Shen et al. (2001) "Polymer-Supported Lipid Bilayers on Benzophenone-Modified Substrates," <i>Biomacromol.</i> 2:70-79		
	355	Shi et al. (2001) "Release Behavior of Thin-Walled Microcapsules Composed of Polyelectrolte Multilayers," <i>Langmuir</i> 17:2036-2042		
	356	Shoji et al. (1993) "Human and Baboon Integrin β_5 Subunit-Encoding MRNAs Have Alternative Polyadenylation Sites," <i>Gene</i> 133:307-308		
	357	Shultz et al. (1995) "Multiple Defects in Innate and Adaptive Immunologic Function in NOD/LtSz-scid Mice," <i>J. Immunol.</i> 154:180-191		
	358	Siedlecki et al. (1994) "Interactions of Human Von Willebrand Factor with a Hydrophobic Self-Assembled Monolayer Studied by Atomic Force Microscopy," <i>Biomed. Mater. Res.</i> 28:971-980		
	359	Slack et al. (1993) "The Effects of Flow on Blood Coagulation and Thrombosis," <i>Thromb. Haemost.</i> 70(1):129-134		
	360	Slack et al. (1994) "Flow Chambers and Their Standardization for Use in Studies of Thrombosis," <i>Thromb. Haemost.</i> 72(5):777-781		
	361	Smirnov et al. (1999) "The Effect of Membrane Composition on the Hemostatic Balance," <i>Biochem.</i> 38(12):3591-3598		
	362	Smirnov et al. (1994) "Phosphatidylethanolamine Incorporation into Vesicles Selectively Enhances Factor Va Inactivation by Activated Protein C," <i>J. Biol. Chem.</i> 269(2):816-819		
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	363	Snyder et al. (1978) "Vibrational Spectra in the C-H Stretching Region and the Structure of the Polymethylene Chain," <i>Spectrochim. Acta. A</i> 34A:395-406	
	364	Solletti et al. (1996) "Elaboration and Characterization of Phospholipid Langmuir-Blodgett Films," <i>Langmuir</i> 1:5379-5386	
	365	Spinke et al. (1992) "Polymer-Supported Bilayer on a Solid Substrate," <i>Biophys. J.</i> 63:1667-1671	
	366	Stoll et al. (1988) "Improved Procedure for the Construction of Neoglycolipids Having Antigenic and Lactin-Binding Activities, from Reducing Oligosaccharides," <i>Biochem. J.</i> 256:661-664	
	367	Sun et al. (1993) "Ultrathin Self-Assembled Polymeric Films on Solid Surfaces. 2. Formation of 11-(<i>n</i> -Pentylidithio)undecanoate-Bearing Polyacrylate Monolayers on Gold," <i>Langmuir</i> 9:3200-3207	
	368	Sun et al. (1996) "Spontaneous Polymer Thin Film Assembly and Organization Using Mutually Immiscible Side Chains," <i>J. Am. Chem. Soc.</i> 118:1856-1866	
	369	Sun et al. (1994) "Ultrathin Self-Assembled Polymeric Films on Solid Surfaces. III. Influence of Arcylate Dithioalhyl Side Chain Length on Polymeric Monolayer Formation on Gold," <i>J. Vac. Sci. Technol.</i> 12:2499-2506	
	370	Sun et al. (1998) "The Synthesis of Neoglycophospholipid Conjugates Via Reductive Animation of ω -Oxoalkylcosides and Phosphatidylethanolamines," <i>Carb. Res.</i> 370:77-81	
	371	Sun et al. (1997) "Neoglycophospholipids with Alkyl Spacers: Synthesis Via an Improved Reductive Animation and Monolayer Properties," <i>Bioconjug. Chem.</i> 8:567-571	
	372	Sun et al. (1996) "Normalization of Diabetes in Spontaneously Diabetic Cynomologus Monkeys by Xenografts of Microencapsulated Porcine Islets Without Immunosuppression," <i>J. Clin. Invest.</i> 98:1417-1422	
	373	Sun et al. (2006) "Carbohydrate and Protein Immobilization onto Solid Surfaces by Sequential Diels-Alder and Azide-Alkyne Cycloadditions," <i>Bioconjug. Chem.</i> 17:52-57	
	374	Suzuki et al. (1988) "Thrombomodulin Precursor," NCBI Accession No. P07204	
	375	Takeuchi et al. (1992) "Heart Allografts in Murine Systems: The Differential Activation of Th2-Like Effector Cells in Peripheral Tolerance," <i>Transplant.</i> 53:1281-1294	
	376	Tasumi et al. (1962) "Normal Vibrations and Force Constants of Polymethylene Chain," <i>J. Mol. Spectrosc.</i> 9:261-287	
	377	Tendian et al. (1991) "Evidence from Total Internal Reflection Fluorescence Microscopy for Calcium-Independent Binding of Prothrombin to Negatively Charged Planar Phospholipid Membranes," <i>Biochem.</i> 30:10991-10999	
	378	Terranova et al. (1985) "Human Endothelial Cells are Chemotactic to Endothelial Cell Growth Factor and Heparin," <i>Cell. Biol.</i> 101:2330-234	
	379	Thomas et al. (1987) "Raman Amide Bands of Type-II β -Turns in Cyclo-(VPGVG) ₃ and Poly(VPGVG), and Implications for Protein Secondary-Structure Analysis,"	
Examiner Signature	/Hope Robinson/		Date Considered

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		<i>Biopolymers</i> 26:921-934	
	380	Toshima et al. (1993) "Recent Progress on O-Glycosylation Methods and Its Applications to Natural Products Synthesis," <i>Chem. Rev.</i> 93:1503-1531	
	381	Tseng et al. (Apr. 2006) "Membrane-Mimetic Films Containing Thrombomodulin and Heparin Inhibit Tissue Factor-Induced Thrombin Generation in a flow Model," <i>Biomater.</i> 27(12):2637-2650	
	382	Tseng et al. (May 2006) "Catalytic Efficiency of Thrombomodulin-Functionalized Membrane-Mimetic Film in a Flow Model," <i>Biomater.</i> 27(13):2768-2775	
	383	Tsutsumi et al. (2000) "Site-Specific Chemical Modification with Polyethylene Glycol of Recombinant Immunotoxin Anti-Tac(Fv)-PE38 (LMB-2) Improves Antitumor Activity and Reduces Animal Toxicity and Immunogenicity," <i>Proc. Nat. Acad. Sci. USA</i> 97:8548-8553	
	384	Turitto et al. (1998) "Mechanical Factors Affecting Hemostasis and Thrombosis," <i>Thromb. Res.</i> 92(6Sup. 2):S25-S310	
	385	Ueda et al. (1992) "Preparation of 2-Methacryloyloxyethyl Phosphorylcholine Copolymers with Alkyl Methacrylates and Their Blood Compatibility," <i>Polym. J.</i> 24(11):1259-1269	
	386	Uldag et al. (1993) "Metabolic Activity and Proliferation of CHO Cells in Hydroxyethyl Methacrylate-Methyl Methacrylate (HEMA_MMA) Microcapsules," <i>Cell Transplant.</i> 2:175-182	
	387	Urry et al. (1997) "Protein-Based Materials with a Profound Range of Properties and Applications: The Elastin ΔT _i Hydrophobic Paradigm," McGrath et al. Eds., Birkhauser: Boston, pp. 133-177	
	388	Urry et al. (1995) "Molecular Biophysics of Elastin Structure, Function and Pathology," <i>Ciba Foundation Symp.</i> 192:4-30	
	389	Urry, D.W. (1993) "Molecular Machines: How Motion and Other Functions of Living Organisms can Result from Reversible Chemical Changes," <i>Angew. Chem. Int. Ed. Engl.</i> 32:819-841	
	390	Urry et al. (1989) "Two-Dimensional Proton NMR Studies on Poly(VPGVG) and Its Cyclic Conformational Correlate, Cyclo(VPGVG) ₃ ," <i>Biopolymers</i> 28:819-833	
	391	Urry, D.W. (1988) "Entropic Elastic Processes in Protein Mechanisms. I. Elastic Structure Due to an Inverse Temperature Transition and Elasticity Due to Internal Chain Dynamics," <i>J. Prot. Chem.</i> 7(1):1-34	
	392	Urry et al. (1986) "Polytetrapeptide of Elastin," <i>Int. J. Pept. Protein Res.</i> 28:649-660	
	393	Urry et al. (1985) "Polypentapeptide of Elastin: Temperature Dependence of Ellipticity and Correlation with Elastomeric Force," <i>Biochem. Biophys. Res. Commun.</i> 130:50-57	
	394	Urry et al. (1985) "Phase-Structure Transitions of the Elastin Polypentapeptide-Water System within the Framework of Composition-Temperature Studies," <i>Biopolymers</i> 24:2345-2356	

Examiner Signature	/Hope Robinson/	Date Considered	
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	395	Urry et al. (1975) "Studies on the Conformation and Interactions of Elastin Secondary Structure of Synthetic Repeat Hexapeptides," <i>Biochim. Biophys. Acta.</i> 393:296-306		
	396	Urry et al. (1974) "Studies on the Conformation and Interactions of Elastin. Proton Magnetic Resonance of the Repeating Pentapeptide," <i>Biochem.</i> 13:609-616		
	397	van Ackern et al. (1998) "Ultrathin Membranes for Gas Separation and Pervaporation Prepared Upon Electrostatic Self-Assembly of Polyelectrolytes," <i>Thin Solid Films</i> 329:762-766		
	398	van Boeckel (1993) "The Unique Antithrombin III Binding Domain of Heparin: A Lead to New Synthetic Antithrombotics," <i>Chem Int. Ed. Engle.</i> 32(12):1671-1690		
	399	Van Den Bulcke et al. (2000) "Structural and Rheological Properties of Methacrylamide Modified Gelatin Hydrogels," <i>Biomacromolecules</i> 1:31-38		
	400	Vanderhart, D.L. (1990) "Proton Spin Diffusion as a Tool for Characterizing Polymer Blends," <i>Makromol. Chem. Macromol. Symp.</i> 34:125-159		
	401	van't Veer (1997) "Inhibitory Mechanism of the Protein C Pathway on Tissue Factor-Induced Thrombin Generation," <i>J. Biol. Chem.</i> 272(12):7983-7984		
	402	Vasilets et al. (1997) "Microwave CO ₂ Plasma-Initiated Vapour Phase Graft Polymerization of Acrylic Acid onto Polytetrafluoroethylene for Immobilization of Human Thrombomodulin," <i>Biomater.</i> 18(17):139-1145		
	403	Veronese, F.M. (2001) "Peptide and Protein PEGylation: A Review of Problems and Solutions," <i>Biomater.</i> 22:405-417		
	404	Viitala et al. (2000) "Protein Immobilization to a Partially Cross-Linked Organic Monolayer," <i>Langmuir</i> 16:4953-4961		
	405	Wall et al. (1978) "Human Endothelial Cell Migration: Stimulation by a Released Platelet Factor," <i>Lab Invest.</i> 39(5):523-529		
	406	Wang et al. (1993) "Synthesis of Phospholipid-Inhibitor Conjugates by Enzymatic Transphosphatidylation With Phospholipase D," <i>J. Am. Chem. Soc.</i> 115:10487-10491		
	407	Wang et al. (2003) "Bioconjugation by Copper(I)-Catalyzed Azide-Alkyne [3+2] Cycloaddition," <i>J. Am. Chem. Soc.</i> 125(11):3192-3193		
	408	Wasserman et al. (1990) "A Molecular Dynamics Investigation of the Elastomeric Restoring Force in Elastin," <i>Biopolymers</i> 29:1613-1631		
	409	Wasserman et al. (1989) "The Structure of Self-Assembled Monolayers of Alkylsiloxanes on Silicon: A Comparison of Results from Ellipdometry and Low-Angle X-ray Reflectivity,"		
	410	Weber et al. (1997) "CTLA4-Ig Prolongs Survival of Microencapsulated Neonatal Porcine Islet Xenografts in Diabetic NOD Mice," <i>Cell Transplant.</i> 6(5):505-508		
	411	Weber et al. (1995) "Encapsulated Islet Iso-, Allo, and Xenografts in Diabetic NOD Mice," <i>Trans. Proc.</i> 27:3308-3311		
	412	Weber et al. (1994) "NOD Mouse Peritoneal Cellular Response to Poly-L-Lysine-Alginate Microencapsulated Rat Islets," <i>Trans. Proc.</i> 26:1116-1119		
	413	Weber et al. (1990) "Microencapsulated Dog and Rat Islet Xenografts into		
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		Streptozotocin-Diabetic and NOD Mice," <i>Horm. Metab. Res.</i> 35:219-226		
	414	Weber et al. (1990) "The Role id CD4 ⁺ Helper T Cells in Destruction of Microencapsulation Islet Xenografts in NOD Mice," <i>Transplantation</i> 49(2):396-404		
	415	Weber et al. (1999) "Long-Term Survival of Poly-L-Lysine-Alginate Microencapsulated Rat, Rabbit, and Pig Islet Xenografts in Spontaneously Diabetic NOD Mice," In, <i>Cell Encapsulation Technology and Therapeutics</i> , Kuhlreiter et al. eds., Ch. 11, Springer-Verlag, New York, pp. 117-137		
	416	Weiler et al. (2003) "Thrombomodulin," <i>J. Thromb. Haemost.</i> 1:1515-1524		
	417	Weiner et al. (1985) "Liposome-Collagen Gel Matrix: A Novel Sustained Drug Delivery System," <i>J. Pharm. Sci.</i> 74(9):922-925		
	418	Welsh et al. (2000) "Engineering the Extracellular Matrix: A Novel Approach to Polymeric Biomaterials. I. Control of the Physical Properties of Artificial Protein Matrices Designed to Support Adhesion of Vascular Endothelial Cells," <i>Biomacromolecules</i> 1:23-30		
	419	Westerduin et al. (1996) "Synthesis of Tailor-Made Glycoconjugates Showing AT III-Mediated Inhibition of Blood Coagulation Factors Xa and Thrombin," <i>Chem. Int. Ed. Engle.</i> 35:331-333		
	420	Westman et al. (1995) "Synthesis and Fibroblast Growth Factor Binding of Oligosaccharides Related to Heparin and Heparan Sulphate," <i>J. Carb. Chem.</i> 14:95-113		
	421	Wick et al. (1987) "Unusually Large Von Willebrand Factor Multimers Increase Adhesion of Sickle Erythrocytes to Human Endothelial Cells Under Controlled Flow." <i>J. Clin. Invest.</i> 80:905-910		
	422	Widder et al. (1985) "Theory and Practice of Prodrug Kinetics," <i>Methods Enzymol.</i> 42:309-323		
	423	Wilbur et al. (2000) "Biotin Reagents for Antibody Pretargeting. 4. Selection of Biotin Conjugates for <i>In Vivo</i> Application Based on their Dissociation Rate from Avidin and Streptavidin," <i>Bioconjug. Chem.</i> 11:569-583		
	424	Winger et al. (1999) "Formation and Stability of Complex Membrane-Mimetic Monolayers on Solid Supports," <i>Langmuir</i> 15:3866-3874		
	425	Winger et al. (1998) "Synthesis and Characterization of Supported Phospholipid Monolayers: A Correlative Investigation by Radiochemical Titration and Atomic Force Microscopy," <i>Langmuir</i> 14:4148-4155		
	426	Winger et al. (1998) "Synthesis and Characterization of Supported Bioactive Lipid Membranes," In; <i>Materials Science of the Cell</i> , Plant et al. Eds., MRS Publications, Pittsburgh, pp. 113-118		
	427	Winger et al. (1997) "Behavior of Lipid-Modified Peptides in Membrane-Mimetic Monolayers at the Air/Water Interface," <i>Langmuir</i> 13:3256-3259		
	428	Winger et al. (1996) "Lipopeptide Conjugates: Biomolecular Building Blocks for Receptor Activating Membrane-Mimetic Structures," <i>Biomater.</i> 17:443-449		
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	429	Winger et al. (1995) "A Convenient Route to Thiol Terminated Peptides for Conjugation and Surface Functionalization Strategies," <i>Bioconjug. Chem.</i> 6:323-326	
	430	Winger et al. (1995) "Purification of Synthetic Lipopeptide Conjugates by Liquid Chromatography," <i>J. Liquid Chromatogr.</i> 18:4117-4125	
	431	Wohrle et al. (2001) "Comparison of the Heparin Coated vs the Uncoated Jostent – No Influence on Restenosis or Clinical Outcome," <i>Eur. Heart J.</i> 22:1808-1816	
	432	Woghiren et al. (1993) "Protected Thiol-Polyethylene Glycol: A New Activated Polymer for Reversible Protein Modification," <i>Bioconjug. Chem.</i> 4:314-318b	
	433	Wong et al. (1988) "Intriguing Absorption Band Behavior of IR Reflectance Spectra of Silicon Dioxide on Silicon," <i>Appl. Spectrosc.</i> 42(4):598-604	
	434	Wood et al. (2003) "NMR Structures Reveal How Oxidation Inactivates Thrombomodulin," <i>Biochem.</i> 42:11932-11942	
	435	Wright et al. (Oct. 2002) "Self-Assembly of Block Copolymers Derived from Elastin-Mimetic Polypeptide Sequences," <i>Adv. Drug Deliv. Rev.</i> 54(8):1057-1073	
	436	Wright et al. (Feb. 2002) "Thermoplastic Elastomer Hydrogels Via Self-Assembly of an Elastin-Mimetic Triblock Polypeptide," <i>Adv. Funct. Mater.</i> 12:149-154	
	437	Xiao et al. (1995) "Preparation, Structure, and Mechanical Stability of Alkylsilane Monolayers on Mica," <i>Langmuir</i> 11(5):1600-1604	
	438	Yamada et al. (1999) "Controlled Synthesis of Amphiphilic Block Copolymers with Pendant N-acetyl-D-Glucosamine Residues by Living Cationic Polymerization and Their Interaction With WGA Lectin," <i>Macromol.</i> 32:3553-3558	
	439	Yamada et al. (1997) "Controlled Synthesis of Glycopolymers with Pendant D-Glucosamine Residues by Living Cationic Polymerization," <i>J. Polym. Sci. A Polym. Chem.</i> 35:751-757	
	440	Yamamoto et al. (2003) "Site-Specific PEGylation of a Lysine-Deficient TNF-Alpha with Full Bioactivity," <i>Nature Biotechnol.</i> 21:546-552	
	441	Yen et al. (1989) "Infrared Reflectance Properties of Surface Thin Films," <i>J. Phys. Chem.</i> 93:7208-7216	
	442	Yoshioka et al. (1990) "Encapsulation of Mammalian Cell With Chitosan-CMC Capsule," <i>Biotechnol. Bioeng.</i> 35:66-72	
	443	Yu et al. (1997) "Smectic Ordering in Solutions and Films of a Rod-Like Polymer Owing to Monodispersity of Chain Length," <i>Nature</i> 389:167-170	
	444	Zhang et al. (1989) "Synthesis of 4% Glu-Containing Val ¹ and Ile ¹ -Polypentapeptides: Model Protein Systems for Demonstrating Mechanochemical Coupling," <i>J. Protein Chem.</i> 8:173-182	
	445	Zierler et al. (1992) "Accuracy of Duplex Scanning for Measurement of Arterial Volume Flow," <i>J. Vasc. Surg.</i> 16(4):520-526	

Examiner Signature	/Hope Robinson/	Date Considered	
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